Contents Vol. 18

Vol. 18, No.1

Assessing ecosystem impacts from simulant and decontaminant use
D.J. Schaeffer (Champaign, IL, U.S.A.), H.W. Kerster (Sacramento, CA, U.S.A.), E.E. Herricks (Urbana, IL, U.S.A.), K.A. Reinbold, E.W. Novak (Champaign, IL, U.S.A.) and R.S. Wentsel (Aberdeen Proving Ground, MA, U.S.A.) 1

Statistical analyses of rare events in groundwater
C.A. Silver (Tuscaloosa, AL, U.S.A.) and D. Dunn (Philadelphia, PA, U.S.A.) 17

Air–water partitioning coefficients of organics in dilute aqueous solutions
R.A. Ashworth (Tyndall Air Force Base, FL, U.S.A.) and G.B. Howe, M.E. Mullins and T.N. Rogers (Research Triangle Park, NC, U.S.A.) 25

Fluid modelling of dense gas dispersion over a ramp
R.E. Britter (Cambridge, Great Britain) and W.H. Snyder (Research Triangle Park, NC, U.S.A.) 37

Precipitation treatment of spent electroless nickel plating baths
W.-C. Ying, R.R. Bonk and M.E. Tucker (Grand Island, NY, U.S.A.) 69

The maximum experimental safe gap for a spray of higher flash point liquid
B. Capp (Buxton, Derbyshire, Great Britain) 91

US EPA Project Summary
Total mass emissions from a hazardous waste incinerator
A. Trenholm, T. Lapp, G. Scheil, J. Cootes, S. Klamm and C. Cassady (Cincinnati, OH, U.S.A.) 99

Book reviews 107

Vol. 18, No. 2

Review

Polychlorinated biphenyls. A toxicological review
C.J. George, (New Orleans, LA, U.S.A.), G.F. Bennett (Toledo, OH, U.S.A.), D. Simoneaux (New Orleans, LA, U.S.A.) and W.J. George (Tuscaloosa, Alabama, U.S.A.) 113

Products from the detonation of trinitrotoluene and some other navy explosives in air and nitrogen. I. Low molecular weight gases
J.H. Johnson, E.D. Erikson, S. Ruven Smith, D.J. Knight, D.A. Fine and C.A. Heller (China Lake, CA, U.S.A.) 145

Products from the detonation of trinitrotoluene and some other navy explosives in air and nitrogen. II. Polycyclic aromatic hydrocarbons
J.H. Johnson, E.D. Erickson, S. Ruven Smith, D.J. Knight, D.A. Fine and C.A. Heller (China Lake, CA, U.S.A.) 161

A study of the corrosion product formed by nitric acid based propellants in contact with stainless steel
C.C. Addison, N. Logan and B. Mellor (Nottingham, England) 171

Leak rates into drainage systems underlying lined retention facilities
K.W. Brown and J.C. Thomas (College Station, TX, U.S.A.) 179

Physical stabilization techniques for mitigation of environmental pollution from dioxin contaminated soils
W.H. Vick, W.D. Ellis (La Jolla, CA, U.S.A.), D.E. Sanning and E.J. Opatken (Cincinnati, OH, U.S.A.) 189

U.S. EPA Project Summary
Design and construction of a mobile activated carbon regenerator system
R.H. Hiltz (Evans City, PA, U.S.A.) 207

Announcements 211

Book Reviews 215

Vol. 18, No. 3

Special Issue: Regulation, Legislation and Litigation

Introduction III

The role of the agency for toxic substances and disease registry under the superfund amendments and reauthorization act of 1986
F.H. Habicht, II (Washington, DC, U.S.A.) 219

Implementing the new superfund
S.L. Nott (Dallas, TX, U.S.A.) 229

Apportionment of tort liability among multiple polluters in the U.S.A.
L.S. Molton (Mountain View, CA, U.S.A.) 233

Controlling environmental liability in property transactions through the use of environmental assessments in the state of California
J.J. Stevens (Huntington Beach, CA, U.S.A.) 245

Sources of radioactivity in the ocean environment: From low level waste to nuclear powered submarines
K.A. Solomon (Santa Monica, CA, U.S.A.) 255

Environmental issues in real estate transactions
R.T. Stewart (Dallas, TX, U.S.A.) 263

Estimating emergency planning zones for the Shoreham nuclear reactor: A. review of four safety analyses
K.A. Solomon and W.E. Kastenberg (Santa Monica, CA, U.S.A.) 269

Litigating toxic shock syndrome: Lessons to be learned
M.S. Colen (Santa Monica, CA, U.S.A.) 285

Announcements 295

Book Review 299

Author Index Vol. 18 305

Contents Vol. 18 306